

IN THE CLAIMS:

Please amend the claims as follows.

- [c1] (Currently Amended) A thermally stable, substantially water-free well fluid comprising:
a viscosifying polymer;
a glycol compound comprising at least one selected from diethylene glycol methylether, diethylene glycol ethylether, triethylene glycol methylether, and triethylene glycol ethylether; and
a salt.
- [c2] (Cancelled).
- [c3] (Currently Amended) A thermally stable, substantially water-free well fluid comprising: a polymer; a glycol compound comprising at least one selected from diethylene glycol methylether, diethylene glycol ethylether, triethylene glycol methylether, and triethylene glycol ethylether; and a salt, The well fluid of claim 1, wherein the polymer comprises at least one selected from the group consisting of hydroxyethyl cellulose, derivatized cellulose, starch, derivatized starch, whelan gum, whelan gum derivatives, scleroglucan, scleroglucan derivatives, guar gum, guar derivatives, xanthan gum and xanthan gum derivatives.
- [c4] (Currently Amended) A thermally stable, substantially water-free well fluid comprising: a polymer; a glycol compound comprising at least one selected from diethylene glycol methylether, diethylene glycol ethylether, triethylene glycol methylether, and triethylene glycol ethylether; and a salt, The well fluid of claim 1, wherein the polymer comprises at least one selected from the group consisting of poly(ethylene glycol), poly(diallyl amine), poly(acrylamide), poly(aminomethylpropylsulfonate), poly(acrylonitrile), poly(vinyl acetate), poly(vinyl alcohol), poly(vinyl amine), poly(vinyl sulfonate), poly(styryl sulfonate), poly(acrylate), poly(methyl acrylate), poly(methacrylate), poly(methyl methacrylate), poly(vinylpyrrolidone), poly(vinyl lactam), co-, ter-, and quater-polymers of the following co-monomers: ethylene, butadiene, isoprene, styrene, divinylbenzene,

divinyl amine, 1,4-pentadiene-3-one (divinyl ketone), 1,6-heptadiene-4-one (diallyl ketone), diallyl amine, ethylene glycol, acrylamide, poly(aminomethylpropylsulfonate), acrylonitrile, vinyl acetate, vinyl alcohol, vinyl amine, vinyl sulfonate, styryl sulfonate, acrylate, methyl acrylate, methacrylate, methyl methacrylate, vinylpyrrolidone, and vinyl lactam.

- [c5] (Previously Presented) The well fluid of claim 1, wherein the salt comprises at least one selected from the group consisting of KCl, ZnCl₂, CaBr₂, ZnBr₂, NaCl, CaCl₂, NH₄Cl, MgCl₂, NaBr, and Na₂S₂O₃.
- [c6] (Currently Amended) A thermally stable, substantially water-free well fluid comprising:
a viscosifying polymer;
an alcohol compound comprising ~~at least one selected from glycerol 1,3 diglycerolate, glycerioethoxylate, 1,6 hexandiol, and 1,2 cyclohexandiol;~~ and
a salt.
- [c7] (Cancelled).
- [c8] (Currently Amended) The well fluid of claim 6, wherein the viscosifying polymer comprises at least one selected from the group consisting of hydroxyethyl cellulose, derivatized cellulose, starch, derivatized starch, whelan gum, whelan gum derivatives, scleroglucan, scleroglucan derivatives, guar gum, guar derivatives, xanthan gum and xanthan gum derivatives.
- [c9] (Currently Amended) The well fluid of claim 6, wherein the viscosifying polymer comprises at least one selected from the group consisting of poly(ethylene glycol), poly(diallyl amine), poly(acrylamide), poly(aminomethylpropylsulfonate), poly(acrylonitrile), poly(vinyl acetate), poly(vinyl alcohol), poly(vinyl amine), poly(vinyl sulfonate), poly(styryl sulfonate), poly(acrylate), poly(methyl acrylate), poly(methacrylate), poly(methyl methacrylate), poly(vinylpyrrolidone), poly(vinyl lactam), co-, ter-, and quater-polymers of the following co-monomers: ethylene, butadiene, isoprene, styrene, divinylbenzene, divinyl amine, 1,4-pentadiene-3-one (divinyl ketone), 1,6-heptadiene-4-one (diallyl ketone), diallyl amine, ethylene glycol,

acrylamide, poly(aminomethylpropylsulfonate), acrylonitrile, vinyl acetate, vinyl alcohol, vinyl amine, vinyl sulfonate, styryl sulfonate, acrylate, methyl acrylate, methacrylate, methyl methacrylate, vinylpyrrolidone, and vinyl lactam.

- [c10] (Previously Presented) The well fluid of claim 6, wherein the salt comprises at least one selected from the group consisting of KCl, ZnCl₂, CaBr₂, ZnBr₂, NaCl, CaCl₂, NH₄Cl, MgCl₂, NaBr, and Na₂S₂O₃.
- [c11] (Currently Amended) A method of treating a well comprising:
injecting a thermally stable, substantially water-free well-treating fluid into the well,
wherein the well-treating fluid comprises a viscosifying polymer, a glycol compound comprising at least one selected from diethylene glycol methylether, diethylene glycol ethylether, triethylene glycol methylether, and triethylene glycol ethylether, and a salt,
- [c12] (Cancelled).
- [c13] (Currently Amended) A method of treating a well comprising: injecting a thermally stable, substantially water-free well-treating fluid into the well, wherein the well-treating fluid comprises a polymer, a glycol compound comprising at least one selected from diethylene glycol methylether, diethylene glycol ethylether, triethylene glycol methylether, and triethylene glycol ethylether, and a salt, The method of claim 11, wherein the polymer comprises at least one selected from the group consisting of hydroxyethyl cellulose, derivatized cellulose, starch, derivatized starch, whelan gum, whelan gum derivatives, scleroglucan, scleroglucan derivatives, guar gum, guar derivatives, xanthan gum and xanthan gum derivatives.
- [c14] (Previously Presented) The method of claim 11, wherein the salt comprises at least one selected from the group consisting of KCl, ZnCl₂, CaBr₂, ZnBr₂, NaCl, CaCl₂, NH₄Cl, MgCl₂, NaBr, and Na₂S₂O₃.

- [c15] (Currently Amended) A method of treating a well comprising:
injecting a thermally stable, substantially water-free well-treating fluid into the well,
wherein the well-treating fluid comprises a viscosifying polymer, an alcohol
compound comprising ~~at least one selected from glycerol 1,3-diglycerolate,~~
~~glyceroethoxylate, 1,6-hexandiol, and 1,2-cyclohexandiol,~~ and a salt.
- [c16] (Cancelled).
- [c17] (Currently Amended) The method of claim 15, wherein the viscosifying polymer
comprises at least one selected from the group consisting of hydroxyethyl cellulose,
derivatized cellulose, starch, derivatized starch, whelan gum, whelan gum derivatives,
scleroglucan, scleroglucan derivatives, guar gum, guar derivatives, xanthan gum and
xanthan gum derivatives.
- [c18] (Currently Amended) The method of claim 15, wherein the viscosifying polymer
comprises at least one selected from the group consisting of poly(ethylene glycol),
poly(diallyl amine), poly(acrylamide), poly(aminomethylpropylsulfonate),
poly(acrylonitrile), poly(vinyl acetate), poly(vinyl alcohol), poly(vinyl amine), poly(vinyl
sulfonate), poly(styryl sulfonate), poly(acrylate), poly(methyl acrylate),
poly(methacrylate), poly(methyl methacrylate), poly(vinylpyrrolidone), poly(vinyl
lactam), co-, ter-, and quater-polymers of the following co-monomers: ethylene,
butadiene, isoprene, styrene, divinylbenzene, divinyl amine, 1,4-pentadiene-3-one
(divinyl ketone), 1,6-heptadiene-4-one (diallyl ketone), diallyl amine, ethylene glycol,
acrylamide, poly(aminomethylpropylsulfonate), acrylonitrile, vinyl acetate, vinyl alcohol,
vinyl amine, vinyl sulfonate, styryl sulfonate, acrylate, methyl acrylate, methacrylate,
methyl methacrylate, vinylpyrrolidone, and vinyl lactam.
- [c19] (Previously Presented) The method of claim 15, wherein the salt comprises at least one
selected from the group consisting of KCl, ZnCl₂, CaBr₂, ZnBr₂, NaCl, CaCl₂, NH₄Cl,
MgCl₂, NaBr, and Na₂S₂O₃.

[c20] (Currently Amended) A method of treating a well comprising: injecting a thermally stable, substantially water-free well-treating fluid into the well, wherein the well-treating fluid comprises a polymer, a glycol compound comprising at least one selected from diethylene glycol methylether, diethylene glycol ethylether, triethylene glycol methylether, and triethylene glycol ethylether, and a salt, The method of claim 11, wherein the polymer comprises at least one selected from the group consisting of poly(ethylene glycol), poly(diallyl amine), poly(acrylamide), poly(aminomethylpropylsulfonate), poly(acrylonitrile), poly(vinyl acetate), poly(vinyl alcohol), poly(vinyl amine), poly(vinyl sulfonate), poly(styryl sulfonate), poly(acrylate), poly(methyl acrylate), poly(methacrylate), poly(methyl methacrylate), poly(vinylpyrrolidone), poly(vinyl lactam), co-, ter-, and quater-polymers of the following monomers: ethylene, butadiene, isoprene, styrene, divinylbenzene, divinyl amine, 1,4-pentadiene-3-one (divinyl ketone), 1,6-heptadiene-4-one (diallyl ketone), diallyl amine, ethylene glycol, acrylamide, poly(aminomethylpropylsulfonate), acrylonitrile, vinyl acetate, vinyl alcohol, vinyl amine, vinyl sulfonate, styryl sulfonate, acrylate, methyl acrylate, methacrylate, methyl methacrylate, vinylpyrrolidone, and vinyl lactam.